

UNITED STATES PLANT PATENT APPLICATION

of

L. PERNILLE AND MOGENS N. OLESEN

for

ROSE PLANT NAMED

'POULyc003'

SUMMARY OF THE INVENTION

BOTANICAL CLASSIFICATION

Rosa hybrida

VARIETY DENOMINATION

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'POULyc003'

The present invention constitutes a new and distinct variety of garden rose plant which originated from a controlled crossing between a female parent 'MEIdomonac',
10 and the unnamed male parent. The two parents were crossed during the summer of 1991, and the resulting seeds were planted in a controlled environment in Fredensborg,
Denmark. The new variety is named 'POULyc003'.

The new variety may be distinguished from its pollen
15 parent, 'MEIdomonac' by the following combination of characteristics:

1. The pollen parent has Red Group 55C colored petals while the applicant variety has Yellow Group 10D colored petals.
- 20 2. The pollen parent is suitable for growing as a landscape shrub variety while the applicant variety is suitable for growing as a climbing variety.

The new variety may be distinguished from its unnamed
25 seed parent, by the following combination of characteristics:

1. The seed parent has orange-blend colored petals while the applicant variety has apricot-yellow blend colored petals.
2. The seed parent has shorter growth habit than the applicant variety.

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The objective of the hybridization of this rose variety was to create a new and distinct variety for garden use with unique qualities, such as:

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1. Uniform and abundant apricot-yellow blend flowers;
2. Vigorous, but compact growth when propagated both as a budded rose and on its own roots;
3. Disease resistance.
4. Improved flowering habit. Since the variety is less apically dominant, flowers are produced from lower branches to the top.

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This combination of qualities is not present in previously available commercial cultivars of this type, known to the inventor, and distinguish 'POULyc003' from all other varieties of which we are aware.

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As part of their rose development program, L. Pernille Olesen and Mogens N. Olesen germinated the seeds from the aforementioned hybridization during winter 1991

and conducted evaluations on the resulting seedlings in a controlled environment in Fredensborg, Denmark.

'POULyc003' was selected in the spring 1992 by the inventors as a single plant from the progeny of the 5 aforementioned hybridization.

Asexual reproduction of 'POULyc003' by traditional budding and rooted cuttings was first done by L. Pernille and Mogens N. Olesen in their nursery in Fredensborg, Denmark in June, 1992. This initial and other subsequent 10 asexual propagations conducted in controlled environments have demonstrated that the characteristics of 'POULyc003' are true to type and are transmitted from one generation to the next.

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BRIEF DESCRIPTION OF THE DRAWING

The accompanying color illustration shows as true as is reasonably possible to obtain in color photographs of this type, the typical characteristics of the buds, 20 flowers, leaves, and stems, of 'POULyc003'. Specifically illustrated in FIGURE 1:

Fig 1.1; Stem showing open flower, the attachment of buds, and peduncles;

Fig 1.2; Flower bud closed and partially open;
25 Fig 1.3; Flower petals, detached;

Fig 1.4; Sepals, receptacle, and pedicel;

Fig 1.5; Mature leaves and bare stem;

Fig 1.6; Juvenile leaves attached to stem and
bare stem.

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DETAILED DESCRIPTION OF THE VARIETY

The following is a description of 'POULyc003', as
observed in its growth in a field nursery in Jackson
County, Oregon. Observed plants are 3 years of age.
Color references are made using the Royal Horticultural
Society (London, England) Colour Chart, 1995, except where
common terms of color are used.
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For a comparison, several physical characteristics of
the rose variety 'POULhult', a rose variety from the same
inventors described and illustrated in U.S. Plant Patent
Application No. 10/267,547 and dated 8 October 2002, are
15 compared to 'POULyc003' in Chart 1.
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CHART 1

	'POULyc003'	'POULhult'
20	Flower Diameter 40 mm.	55 to 60 mm.
25	Color of outermost petals after opening inner side.	Yellow Group 10D Yellow Group 11D.
	Petal Size 20 mm (l) x 15 mm (w).	27 mm (l) x 28 mm (w).

Parents:

Seed Parent: 'MEIdomonac'

Pollen Parent: unnamed seedling

FLOWER AND FLOWER BUD

5 Blooming habit: Continuous.

Flower bud:

Size: Upon opening, 19 mm in length from base of receptacle to end of bud.

10 Bud form: Pointed ovoid and broad based.

Bud color: As sepals unfold, petals are Yellow-Orange Group 18B with intonations of Orange Group 26C. Yellow-Orange Group 18B at $\frac{1}{4}$ opening.

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Sepals:

Upper Surface:

Color: Yellow-Green Group 144A

Lower Surface:

20 Color: Yellow-Green Group 144A.

Shape:

Sepal apex is cirrhose. Base is flat at union with receptacle. Margins have medium foliaceous appendages on three of the five sepals.

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Size: 26 mm long by 6 mm wide.

Receptacle:

Surface Texture: Smooth.

Shape: Funnel shaped.

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Size: 4 mm (h) x 6 mm (w).

Color: Yellow-Green Group 144A.

Anthocyanin:

Light. Greyed-Purple Group 184C.

Peduncle:

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Surface: Smooth.

Length: 15 to 20 mm average
length.

Color: Yellow-Green Group 144B.

Strength: Weak.

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Borne: Multiples of 5 buds per flowering
stem.

Anthocyanin:

Color: Greyed-Red Group 181B.

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Flower bloom:

Fragrance: Light.

Duration: The blooms have a duration on
the plant of approximately 10 to
14 days.

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Size: Average flower diameter is 40 mm

when open.

Form: Rosetta.

Shape of flower when viewed from the side:

Upon opening, upper part: Flat.

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Upon opening, lower part: Concave.

Open flower, upper part: Flattened
convex.

Open flower, lower part: Very convex.

Petalage: Very double. Average range: 70-80
10 petals under normal conditions with
30 petaloids.

Color:

Upon opening, petals:

Outermost petals:

15 Outer side: Yellow Group 10D.

Inner Side: Yellow Group 10D.

Innermost petals:

Outer side: Yellow Group 10D with
intonations of Yellow-

20 Orange Group 19A at basal
and middle zones.

Inner Side: Yellow Group 10D.

Upon opening, basal petal spots:

Outermost petals:

25 Outer side: Yellow Group 4B.

Inner Side: Yellow Group 4B.

Innermost petals:

Outer side: Yellow Group 4B.

Inner Side: Yellow Group 4B.

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After opening, petals:

Outermost petals:

Outer side: Yellow Group 10D with
light intonations of
Yellow-Orange Group 14D.

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Inner Side: Yellow-Orange Group 14D.

Innermost petals:

Outer side: Yellow Group 10D with
light intonations of
Yellow-Orange Group 14D.

15

Inner Side: Yellow Group 10D.

After opening, basal petal spots:

Outermost petals:

Outer Side: Yellow Group 8B.

Inner Side: Yellow Group 8B.

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Innermost petals:

Outer Side: Yellow Group 8B.

Inner Side: Yellow Group 8B.

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General Tonality: On open flower Yellow-Orange
Group 14D. No change in the

general tonality at the end of
the 10th day. Afterwards,
general tonality is Yellow Group
4D.

5 Petals:

Petal Reflex: Petals reflexed strongly.

Margin: Entire and uniform. Typically
reflexed along margin with
medium undulation of margin.

10 Shape: Apex: Round.
 Base: Acute.

Size: 20 mm (l) x 15 mm (w).

Texture: Smooth.

Thickness: Thin.

15 Arrangement: Not Formal.

Petaloids:

Quantity: 25 to 30.

Size: 17 mm (l) x 10 mm (w).

Color:

20 Upper Surface:

 Yellow Group 10D.

Lower surface:

 Yellow Group 10D.

Shape: Irregular. Oblanceolate.

25 Reproductive Organs:

Pistils:

Length: 8 mm long.

Quantity: 35 (actual count).

Pollen: None observed.

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Anthers:

Size: 2 mm long.

Color: Yellow-Orange Group 16A.

Quantity: 41 (actual count).

Filaments:

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Color: Yellow Group 6A.

Length: 4 mm.

Stigmas: Superior in location to anthers.

Color: Yellow-Green Group 145B.

Styles:

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Color: Green-White Group 157A.

Other intonations: At top of
styles and
extending into
the anthers

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with streaks of
Red-Purple
Group 58B.

Hips: None Observed in the field nursery in
Jackson County Oregon.

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PLANT

Plant growth: Climbing habit with diminished apical dominance in flowering characteristics.

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Stems:

Color:

Young wood: Yellow-Green Group 144A.
Older wood: Yellow-Green Group 144A.

Surface Texture:

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Young wood: Smooth.
Older wood: Smooth.

Thorns:

Incidence: 10 thorns per 10 cm of stem.

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Size: Average length: 5 mm.
Color: Greyed-Purple Group 184C.
Shape: Concave.

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Plant foliage: Normal number of leaflets on normal leaves in middle of the stem: 7 leaflets.

Compound Leaf size: 23 mm (l) x 16 mm (w).

Color:

Mature Foliage:

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Upper Leaf Surface: Green Group

137C.

Lower Leaf Surface: Yellow-Green

Group 147C.

Juvenile foliage:

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Upper Leaf Surface: Green Group

137C with

Greyed-Purple

183A.

Lower Leaf Surface: Green Group

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137C with

Greyed-Purple

183A.

Anthocyanin:

Location: Juvenile foliage and new

15

shoots.

Color: Grey-Purple Group 183A to

183D.

Plant leaves and leaflets:

Stipules:

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Size: 17 mm.

Color: Green Group 137C.

Margins: Finely serrated with
stipitate glands.

Petiole:

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Length: 20 mm.

Color: Yellow-Green Group 144A.

Underneath: Thorns and light

pubescence observed.

Rachis:

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Length: 20 mm.

Color: Yellow-Green Group 144A.

Underneath: Thorns and light

pubescence observed.

Leaflet:

10

Edge: Finely serrated.

Shape: General shape is Ovate.

Apex is Mucronate. Base is
Acute.

Texture: Smooth.

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Arrangement: Odd pinnate.

Venation: Reticulate.

Glossiness: Moderate.

Disease resistance:

Above average resistance to mildew, rust, black
spot, and Botrytis under normal growing conditions in
Jackson County, Oregon.

Cold Hardiness:

The variety 'POULyc003' has been found to be cold
tolerant to USDA Cold Hardiness Zone 6.